Wired for Speed

Fiber optic cables are used to carry data into and out of the Blue Gene/P computer. Each cable has four optic fibers, and each fiber transports ten gigabits of data across the data network between the compute nodes and the storage. The data network is comprised of 1840 cables.

There are over **26 miles** of fiber optic cables in the Argonne Leadership Computing Facility – enough to stretch from Argonne National Laboratory all the way to Soldier Field in Chicago!

Argonne
NATIONAL LABORATORY